



NITFS Compliance Registration



Product: Rapid Access Image Server (RAIS) version 2.0

Sponsor: Research Systems, Inc.

Developer: Research Systems, Inc.

- Initial Registration
- Supplemental/Update #
- Derived from Reg. #

Complexity Level						
NITF 2.1 CLEVEL		3	5	6	7	
Interpret						
Generate						
NITF 2.0 CLEVEL	1	2	3	4	5	6 Oth
Interpret						
Generate						

Configurations Tested:

- Windows 2000, Windows XP, and Windows Server 2003
- Sun Solaris 2.8

- System**
N-0105/98, §4.1.1
- Product**
N-0105/98, §4.1.2
- Component**
N-0105/98, §4.1.3

** NITF 2.0 feature

* NITF 2.1 feature

NITFS Features Implemented:

Format

NITF

v2.1

v2.0

v1.1

NSIF

v1.0

Image Segment Types

MONO

RGB

RGB/LUT

YCbCr

MULTI

NODISPLY

POLAR

Data Extension Segments

- TRE_OVERFLOW
- STREAMING_FILE_HEADER
- Controlled Extensions **
- Registered Extensions **

Tagged Record Extensions

- None implemented
-
-

Pixel Value Types

Boolean

Integer

Signed Integer *

IEEE Real *

IEEE Complex *

Image Compression

Not Compressed

JPEG Lossy, 8-bit

JPEG Lossy, 12-bit

JPEG Downsample

JPEG Lossless

JPEG 2000

Bi-Level

Vector Quantization

Multispectral JPEG, Individual Band

Annotation Segment Types

Bit Mapped **

CGM, 2301

CGM, 2301A

Labels **

Text Segments

STA

UT1

U8S

MTF

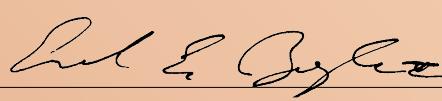
Legend

- Interpret Fully implemented
- Generate Partially implemented
- Not implemented

Registration does not guarantee that a product will meet all users' requirements.

Potential users should evaluate the detailed test results to determine the suitability of

a product for the intended use. Optional NITFS features may not be implemented.


EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program